

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

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**Reporting period:** June 8<sup>st</sup>, 2019 – June 14<sup>th</sup>, 2019

**Report Date:** June 14<sup>th</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- LiDAR acquisition progress was made in the Jefferson County and Clark Fork Project areas again this week. Updated Acquisition Status Maps are attached below.
- Data Processing of the Hill, Valley, and Mineral County Datasets continue back in the Corvallis office.
- The Mineral County Dataset has passed from Calibration to LiDAR processing to undergo point classification assignment and QC.
- QC of the flown data on Powell, Clark Fork, and Jefferson are ongoing in the Corvallis office.
- Ground survey work for Powell County and Clark Fork are ongoing.

**Outstanding issues and concerns:**

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	80%	rolling	
LiDAR Data Processing [50%]	28%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Continue data processing of the Hill, Valley, and Mineral County LiDAR datasets.
- Continue QC of the Jefferson, Powell, and Clark for Datasets flown so far this Spring.
- Weather permitting, continue progress on the low elevation and snow free areas of Jefferson, Clark Fork, Powell, and Deer Lodge Counties.





















